

STEFAN, Octavia (Bucuresti)

"On some morphometric peculiarities among the ravines, dales, and valleys" by A.A. Velichko. Reviewed by Octavia Stefan. Natura Geografie 13 no.4:89-90 Jl-Ag '61.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

PELZ, Pavel, inz. CSc.; STEFAN, Pavel, inz. CSc.

Mechanism of magnetohydrodynamic conversion of energy. El tech
cas 16 no.2:109-120 '65.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

Turpin, Paul, candidate for Vice President

Type of a terrorist or subversive. At si Tex Bu 14 Nov 1964 11
Ap 762

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

STEFAN, R.

For an increased support to the advance of inventions and innovations
in the food industry. P 26

REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMA IE. (Ministerul Industriei
Bunurilor de Consum si Sindicatul Muncitorilor din Industria Bunurilor de
Consum) Bucuresti, Romania. Vol. 6, no. 10, 1958.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 9, Sept. 1959.

Uncl.

STEWART, Remus

New data on the structure of the Kosin Montana Basin. Dari
searn sed 49 pt.2:213-220 '51-'62[publ. '64].

i. Submitted December 29, 1962.

STEFAN, Remus; COSMA, Stanciu

Geologic and petrographic research in the Rosia Montana
region (Metaliferi Mountains). Dari seama sed 46:159-175
'58/59 [publ. '62].

STEFAN, S.

STEFAN, S. Parachute landing. p. 25

Vol. 4, no. 9, Sept. 1955

ARIFILE PATRIEL

TECHNOLOGY

Bucuresti

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), LC, VOL. 4, no. 9,
Sept. 1955, Uncl.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

STEFAN, S.

Landing with the Parachute. Aripile Patriei (The Wings of the Fatherland),
#5:25:May 55

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

STEFAN, S.

The Republican Congress for Micro-models for the Year 1955. Aripile
Patriei (The Wings of the Fatherland), #5:26:May 55

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

ACC NR: AP6018754

SOURCE CODE: P0/0034/66/000/001/0008/0011

AUTHOR: Dunin-Borkowski, Jan (Master Engineer); Stefan Sekowski (Master of Arts)

ORG: None

TITLE: The eloxameter--an instrument for nondestructive measurement of the thickness
of carbon films on aluminum and aluminum alloys

SOURCE: Pomiary, automatyka, kontrola, no. 1, 1966, 8-11

TOPIC TAGS: microelectronic thin film, electronic measurement, carbon

ABSTRACT: The authors discuss a method developed at the Institute of Precision Mechanics in 1962-63 for determining the thickness of carbon films on aluminum and aluminum alloys by measuring the breakdown voltage. This method may be considered nondestructive for all practical purposes if the dimensions and shape of the sensing electrode and the electrical parameters are properly selected since the breakdown point will be immediately covered with a new carbon film. It is experimentally established that a single-pole probe should have a spherical sensing element 8-10 mm in diameter with a pressure of 60-80 grams on the specimen. The basic circuit for application of the proposed method is shown in the accompanying diagram. A prototype of an instrument based on this method, the eloxameter, was designed and built by the Department of

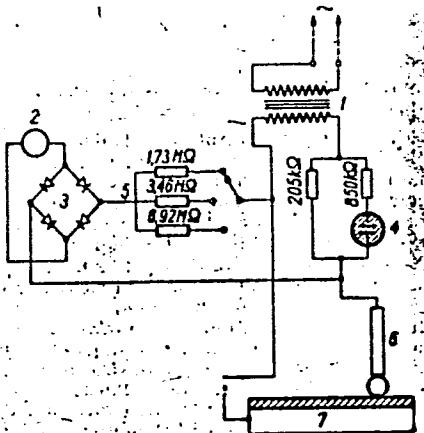
UDC: 539.23:531.717.11.669.718

Card 1/2

L 40832-65

ACC NR: AP6018754

Physics in the Division of Chemistry, Warsaw Polytechnical Institute. In addition to breakdown voltage, this device also measures the current flowing through the carbon film. The value of this current is a function of the actual resistance of the film which gives an index of its thickness and structure. A zero-beat detector which is sensitive to changes in phase is used for balancing the capacitive current component. The signal at the output of the detector is proportional to the part of the applied a-c voltage which is in phase with the comparison voltage. The phase of the comparison voltage is chosen so that the instrument shows only the real current component. The eloxameter is a general-purpose instrument with practical applications for studying other types of insulating films, in addition to carbon. Orig. art. has: 9 figures.¹⁵



1—power supply; 2—voltmeter;
 3—rectifier; 4—breakdown indicator;
 5—range selector;
 6—probe; 7—specimen

SUB CODE: 09, 11/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 001

Card 2/2 MLP

Contractor	: None given	3-46
Category	:	
Abs. Jour.	:	40550
Author	: Stefan, T.	
Institut.	: Not given	
Title	: New Operating Procedures Used in Sugar Factory Laboratories	
Orig. Pub.	: Rev Ind Aliment Prod Vegetal's, No 3-9, 29-30, (1957)	
Abstract	The author describes briefly present-day operating procedures used in sugar factory laboratories. For the determination of the sugar content of the beets the latter are shredded by passing them through a set of knives revolving at the speed of 15,000 rpm with the simultaneous addition of leaf acetate.oolbel discs revolving at 1,500 rpm are used in the grinding of the filter cake; the liquor is spun off the ground cake and thrown against the circumference by the centrifugal force. In sorting laboratories, a fine beet pulp is obtained by pressing the beet roots against a rotating disc equipped with small teeth along the periphery. The sugar content of	
Contractor	1/2	

Abs, Jour.
and/or
Institute
Title:

Ordn. No.:

Abstract:

The berths are determined with a photoelectric polarimeter. If light and dielectrics [sic] are used for the rapid determination of the moisture content of the filter cake and of other substances. Electric potentiometers are replaced with electronic potentiometers. Ultrasound is used in the precipitation of colloids. The calcium content of salts is determined by complexometric titration with Trilon B (the sodium salt of ethylenediaminetetraacetic acid). Optic and acoustic signalling [recording?] is widely used in the laboratories described. N. Bronshteyn

Card: 2/7

11-122

STEFAN, Teodor

Study of the transitory condition of servomechanisms
which utilize direct current rectifier engines with
thyatrons, used in electronic programming devices.
Probleme automatiz 151-159 5 N '62.

REZLESCU, N.; SUCIU, M.; STEFAN, V.

Amplification and generation of electromagnetic waves with the
aid of quantomechanic systems (Maser, Iraser, Laser). Studii fiz
tehn Iasi 14 no.1:203-234 '63.

STEFAN, V.; BERSADSCHE, D.; PETROIANU, S.

Gas-liquid chromatography of the methyl isobutyl ketone-mesityl oxide-diacetone alcohol mixture. Rev chimie Min petr 15 no.2:111-112 F '64.

STEFAN, V.

Interesting suggestions. Const Buc 16 no.732~~4~~ 18 Ja¹64.

BERSADSCHI, D.; STEFAN, V.; PETROIANU, S.

Chromatographic method for controlling the obtaining process of
pure silicium for semiconductors. Rev chimie Min petr 15 no. 4:
224-225 Ap '64.

CHIRILEI, H.; STEFAN, V.; DOROHANTU, N.; CURTICAPEANU, Georgeta

Influence of organic and bacterial mineral fertilizers on
some physiological processes of corn (*Zea mays*). Studii
cerc biol s. bot 16 no. 4:281-287 '64.

1. Chair of Plant Physiology, "Nicolae Balcescu" Agricultural
Institute.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part III. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 15, 1953, 51945

Author : Stefan, Vaclav

Inst : -

Title : Polarographic Determination of the Degree
of Meat Decomposition.

Orig Pub : Prunsyl potravin, 1956, No 6, 288

Abstract : A sample of ground meat (0.5-1 g), mixed
with 2-3 g of washed and calcinated sand
was placed in a retort which was connec-
ted to a test tube containing 3-4 ml of
Messler's reagent. The retort was placed
in a water bath, and maintained at 40-50°
for 0.5-1 hours. Upon formation of the

Card : 1/2

110

STEFAN, Vaclav

Polarographic method of determining the degree of deterioration of meat. Václav Štefan (Výzk. ústav potrav. technol., Prague). *Průmysl Potravin* 7, 288 (1958). — A method is described based on the detn. of lower aliphatic amines and NH₃. A small glass flask contg. 0.5-1 g. meat finely ground with 2-3 g. sand is put into a bath of 40-50° and the vapor is run into a trap with 3-4 ml. Nessler reagent connected to a vacuum pump for 1 hr. The pptd. material from the trap is then collected in a Gooch crucible, washed with 0.1N NaOH, the ppt. dissolved in 25 ml. 25% soln. of Na₂S₂O₃, and polarographed under N. L. J. U.

PLISTIKHA, R.; SITTEAN, V.

Determination of ammonia and volatile aliphatic amines by an indirect polarographic method [with summary in English]. Zhur. anal. khim. 12 no.2:252-258 Mr-Ap '57. (MERA 10:7)

1. Issledovatel'skiy institut rastitel'nogo proizvodstva i
Issledovatel'skiy institut tekhnologii pishchevykh produktov, Praga.
(Ammonia) (Amines) (Polarography)

Country	:	Rumania	E-1
Category	:	Analytical Chemistry - General	
Abs. Jour.	:	Ref Zhur-Khimiya, No 6, 1959	19059
Author	:	Esayan, L.; Gherman, M.; <u>Stefan, V.</u> ; Istrate, E.	
Institut.	:		
Title	:	Gas Chromatography. II. Analysis of a Mixture of Acetylene, Vinyl Chloride and Air. Analysis of Chlorine-Hydrogen Mixture.	
Orig. Pub.	:	Rev. chim., 1958, 9, No 3, 125-128	

Abstract : A method has been worked out for separating a mixture of C_2H_2 (I), vinyl chloride (II) and air, in a coil-shaped glass column, 1.6 m long and 5 mm in diameter, filled with aluminum silicate (particle size 0.4-0.5 mm) impregnated with dibutyl phthalate (in an amount of 20.6%). Catharometer readings are recorded by a photographic procedure similar to that used in polarography. Calibration curves for II are of linear shape, those for I are non-linear, being linear only for concentrations below 2%. Mean error of analysis about 1%. Mixtures of H_2 and Cl_2 are poorly separated in columns with silica-gel and charcoal, better -- in a column with a

Card: 1/2

E-6

Z/009/60/000/03/004/028
E142/E235

AUTHOR: Štefan, V.

TITLE: Polarographic Estimation of Hyposulphite in Photographic Gelatins,

PERIODICAL: Chemický průmysl, 1960, Nr 3, pp 126-129

ABSTRACT: Various methods for estimating hyposulphites and polythionates (Refs 1 to 9) are mentioned, as well as the inhibiting effect of gelatin during depolarisation (Refs 10 to 12). The author investigated a suitable polarographic method for estimating the hyposulphite directly in photographic gelatin solutions. A list of the tested gelatin samples is given in Table 1. The polarographic curves were recorded on a Type 301 V Heyrovský polarograph. The hyposulphite waves were well defined in 5% (and also 10%) gelatin solutions when the carrier electrolyte was KNO_3 ; these experiments were carried out at increased temperatures (Fig 1). The height of the waves in this medium were in a linear proportion to the concentration within the test limits of $6 \cdot 10^{-6}$ to $3 \cdot 10^{-5}$ M hyposulphite (Fig 2). The concentration and viscosity of the gelatin reduced the height of the wave. The graph, Fig 3, shows the dependence of

Card 1/2

STEFAN, Vaclav

Polarographic determination of sulfur dioxide in gelatines. Chem prum
12 n o.12:652-655 D '62.

1. Spolana, n.p., Neratovice.

CHIRILEI, H.; STEFAN, V.; DOROBANTU, N.; BOTI, D.; CURTICAPEANU, Georgeta;
BOTEA, M.

Influence of various fertilizers on the phosphorus absorption
and physiological processes in sugar beet plants, as studied
by the method of radioactive isotopes. Studii cerc biol veget
14 no.3:277-286 '62.

1. Comunicare prezentata de N. Salageanu, membru corespondent
al Academiei R.P.R., membru al Comitetului de redactie si
redactor responsabil, "Studii si cercetari de biologie;
Seria biologie vegetala."

ACC NR: AP6029176

SOURCE CODE: RU/0003/66/017/002/0108/0108

AUTHOR: Stefan, V.; Bersadschi, D.; Petroianu, S.

ORG: none

TITLE: Gas chromatographic determination of a mesityl oxide-ethyl alcohol mixture

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 108

TOPIC TAGS: gas chromatography, ethyl alcohol

ABSTRACT: The authors report the separation of a mixture of mesityl oxide and ethyl alcohol by means of a column using dioctyl phthalate and phosphoric acid in a 4:1 ratio as stationary phase and Celite 545 as support material. Orig. art. has: 1 table. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 002

Card 1/1 53

0917

2743

Country	: Romania.
Category	: CULTIVATED PLANTS. FRUITS. Berries.
Abs. Jour.	: REF.ZHUR.BIOL.,21,1958,NO.96119
Author	: Gheorgh. Vasile G.
Journal	: Zhurnal po agrobiologii i selskogo gospodstva
Title	: Local Application of Fertilizers in the Apple Orchard
Only. Pub.	: Pracina, etc si Livada, 1957, 6, No.7, 38-41
Abstract	: The local application of increased doses of fertilizers a single time in 4-6 years in planting pits and ditches boosted the yield by 66-72%, improved the quality of the fruit by augmenting the sugar content (by 2.49-2.97%) and the dry matter (by 2.7-3.2%) and is much cheaper than the yearly spreading of fertilizers. By mixing organic and mineral fertilizers with peat the textural qualities of podzolic soil is improved. The use of radioactive P has demonstrated that
Cord:	: 1/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

STEFAN, YE. F.

STEFAN, YE. F. -- "CALCULATION OF THE TUNING OF CONTROLLERS WITH REACTION TO DEVIATION
OF THE REGULATED VALUE AND ITS DERIVATIVE." SUB 11 JUN 52, ALL-UNION ORDER OF LABOR
RED BANNER OF THE HEAT ENGINEERING SCI RES INST IMENI F. E. DZERZHINSKIY (DISSERTATION
FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCES)

SO: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1952

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

STEFAN, Z.

Cooling forms in semiautomatic production of vacuum automatic machines.
p. 179

SKLAR A DERAMIK. (Ministerstvo lehkého průmyslu)
Vol. 4, No. 7, July 1954

Praha, Czechoslovakia

East European Accessions List Vol. 5, No. 1 January 1956

ZBIGNIEW, Stefan; KRAWCZYNSKI, Jozef

Electro-magnetic method of registration of pulse curves and clinical application. Polski tygod. lek. 12 no.43:1641-1645 28 Oct 57.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Poznaniu;
kierownik; prof. dr Stefan Kwasniewski i z Zakładu Fizyki Lekarskiej
Akademii Medycznej w Poznaniu; kierownik: z prof. Andrzej Pilawski.
Adres: Poznan, ul. Długa 1/2 I Klin. Chor. Wewn. A. M.

(PULSE,
electromagnetic registration (Pol))

ZBIGNIEW, Stefan; WITOSZYNSKI, Slawomir

Unusual case of circulatory failure complicated by bleeding gastric ulcer. Polski tygod. lek. 12 no.52:2029-2031 30 Dec 57.

1. Z I Kliniki Chorob Wewnetrznych Akademii Medycznej w Poznaniu;
kierownik: prof. dr Stefan Kwasniewski. Adres: Poznan, ul. Dluga 1/2 I
Klin. Chor. Wewn. A. M.

(CONGESTIVE HEART FAILURE, compl.

peptic ulcer, hemorrh. (Pol))

(PEPTIC ULCER, compl.)

congestive heart failure with hemorrh. ulcer (Pol))

STEFAN, Zbigniew;ADAMSKI, Alojzy

Use of the curve of the carotid artery pulse in the evaluation of a phonocardiogram. Polski tygod. lek. 13 no.3;81-85 20 Jan 58.

1. Z I Kliniki Chorob Wewnetrznych Akademii Medycznej w Poznaniu.
kierownik: prof. dr Stefan Kwasniewski. Adres: Poznan, ul. Dluga 1/2,
I Klin. Chor. Wewn. AM.

(CARDIAC MURMURS AND SOUNDS

phonocardiography, carotid artery pulse curve as
standard (Pol))

(ARTERIES, CAROTID, physiol.
pulse curve as standard for phonocardiography (Pol))

YUGOSLAVIA / Chemical Technology. Leather. Fur. H-35
Gelatine. Tanning Agents. Industrial
Proteins.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 80028.

Author : Stefanac, S.

Inst : Not given.

Title : The Synthetic Tanning Agents.

Orig Pub: Kemija u industriji, 1957, 6, No 12, 383-384.

Abstract: This is a review on the present state of development concerning the production of synthetic tanning agents. The fundamentals are described in details for the preparation of syntans in an amorphous state from polyatomic phenols, formaldehyde, aniline or inorganic amines.

Card 1/1

STEFANAC

MD
Separation of quaternary bases from *Amanita muscaria* on cross-linked sulfonated polystyrene resins. K. Balenović and Z. Stefanac (Univ. Zagreb, Yugoslavia). *Chemistry & Industry* 1958, 23.—Muscarine was sepd. from choline by chromatography on 200-400 mesh Dowex 50-X8 ion-exchange resin. After choline was eluted with 2.5*N* HCl, muscarine appeared showing R_f 0.24 (biol. test) and a base with R_f 0.18. Elution with 4*N* HCl yielded a base of R_f 0.09. N. Roth

(1)

Stefanac, Z.

✓Optically active amino aldehydes. II. Preparation of cyclic acetals of quaternary amino aldehydes; contribution to the knowledge of the stereospecificity of muscarinic activity. K. Balenović, N. Bregant, T. Galić, Z. Stefanac and V. Štarčić (Univ. Zagreb, Yugoslavia). *J. Org. Chem.* 21, 115-18 (1956); cf. *C.A.*, 50, 3319c. Cyclic

acetals $RCH(NH_2)CH_2OCH_2CH_2O$ are prepd. from the corresponding NH_2 acids or from the tetrahydroimidazole derivs. and are converted into their quaternary NH_4 salts. Condensation of $\alpha\text{-C}_6\text{H}_4(\text{CO})_2\text{NCH}_2\text{CH}_2\text{CHO}$ with $(\text{CH}_2\text{NHPh})_2$ gives *1,3-diphenyl-2-(2-phthalimidooethyl)tetrahydromidazole* (I), needles, m. 148° . Slowly distg. 6.1 g. *N*-phthaloyl-L-alanine aldehyde, $[\alpha]_D - 28^\circ$, 7.5 cc. $(\text{CH}_2\text{OH})_2$, 0.2 g. *p*-MeC₆H₄SO₃H, and 300 cc. C₆H₆ 5 hrs. with simultaneous removal of 1.2 cc. H₂O, and evapg. the washed and dried C₆H₆ soln. give 99% *N*-phthaloyl-L-alanine aldehyde ethylene acetal (II). Slowly distg. 20 g. I, 12.5 cc. $(\text{CH}_2\text{OH})_2$, and 15.8 g. PhSO₃H in 900 cc. C₆H₆ and 10 cc. H₂O 8 hrs. with simultaneous removal of the H₂O and evapg. the washed and dried C₆H₆ soln. give 100% β -phthalimidopropionaldehyde ethylene acetal (III), needles, m. $113-15^\circ$. Refluxing 8 g. III with 75 cc. alc. *M* N₂H₄·H₂O and 60 cc. EtOH 3 hrs., adding CH₂Cl₂ to the filtered soln., and evapg. the again filtered soln. give β -aminopropionaldehyde ethylene acetal, b.p. $70-5^\circ$. Treating L-alanine aldehyde ethylene acetal with MeI according to Fischer [Ber. 26, 464(1893)] gives

7 11
0 0
6

1/3

Batenstein, H., Bregant, N., Gallois, T. . .

89.7% (1-formylethyl)trimethylammonium iodide ethylene acetal (IV); 2-formylethyl analog, prep'd. similarly from $\text{H}_2\text{NCH}_2\text{CH}_2\text{CHO}$ ethylene acetal in 68% yield, platelets, m. 235°. The following addnl. NH_2 derivs. are prep'd.: α -phthalimidobutyraldehyde, 62%, m. 106-8°; N -phthaloyl-DL-valine aldehyde, 61%, prisms, m. 60°; L-isomer, 95%, pale yellow oil, $[\alpha]_D^{25} -47.3^\circ \pm 1^\circ$ (c 5.4, C_6H_6) (semicarbazone, needles, m. 223°); 2,4-dinitrophenylhydrazone, yellow needles, m. 133-4°; tetrahydroimidazole deriv., yellow needles, m. 130-1°, $[\alpha]_D^{25} -29.1^\circ \pm 0.6^\circ$ (c 0.55, C_6H_6); N -phthaloyl-DL-leucine aldehyde, 87%, m. 80°; L-isomer, 80%, pale yellow oil, $[\alpha]_D^{25} -40.2^\circ \pm 2^\circ$ (c 5.17, C_6H_6) (semicarbazone, needles, m. 182-3°); 2,4-dinitrophenylhydrazone, yellow needles, m. 165-7°; diethyl acetal, pale yellow oil, $b_{25}^{25} 130-5^\circ$, $[\alpha]_D^{25} -15.2^\circ \pm 0.3^\circ$ (c 3.62, C_6H_6); O-methyl-N-phthaloyl-DL-serine aldehyde, 49%, pale yellow oil (tetrahydroimidazole deriv., yellow needles, m. 154.5°); O-Et homolog, 28.4%, pale yellow oil (semicarbazone, prisms, m. 196.5°). The amino acetals (*a*) derived from the following NH_2 acids are prep'd. from their corresponding N -phthaloyl derivs. (*b*), and the picrates (*c*) and quaternary methiodides (*d*) of *a* are prep'd.: L-alanine, *a*, b₁₅ 65-75°, $[\alpha]_D^{25} -16.3^\circ \pm 1.1^\circ$ (c 1.32, 0.1*N* HCl), *b* (II), m. 93°, $[\alpha]_D^{25} 23^\circ \pm 0.2^\circ$ (c 2.5, C_6H_6), *c*, yellow prisms, m. 207°, *d*, needles, m. 221-2°, $[\alpha]_D^{25} -15.2^\circ \pm 0.4^\circ$ (c 1.22, H_2O); D-alanine, *a*, b₁₅ 65-70°, $[\alpha]_D^{25} -15.9^\circ \pm 0.3^\circ$ (c 1.59, 0.1*N* HCl), *b*, prisms, m. 95°, $[\alpha]_D^{25} -21^\circ \pm 0.3^\circ$ (c 2.85, C_6H_6), *c*, yellow prisms, m. 210°, *d*, needles, m. 219-20°, $[\alpha]_D^{25} 14.1^\circ \pm 0.2^\circ$ (c 1.03, H_2O); DL- α -aminobutyric acid, *a*, b₁₅ 70-1°, *b*, m. 60-2°, *c*, yellow needles, m. 201°, *d*, needles, m. 187°; DL-valine, *a*, b₁₅ 80-5°, *b*, prisms, m. 81°, *c*, yellow needles, m. 184°, *d*, needles, m. 160-1°; L-valine, *a*, —, *b*, prisms, m. 30°, $[\alpha]_D^{25} -4.7^\circ \pm 0.1^\circ$ (c 7.07, C_6H_6), *c*, yellow needles,

2/3

Belenovic, K., Bragant, N., Galijan, T.,

m. 180°, d, needles, m. 184-6°, $[\alpha]_D^{25} 10.5^\circ \pm 0.8^\circ$ (ϵ 2.37).
HPO; D-leucine, a, b, 75-80°, b, yellow oil, $b_{\text{m},D} 125-30^\circ$,
c, yellow needles, m. 109-70°, d, needles, m. 101°; D,
methionyl-D-serine, a, b, c, e, yellow needles, m. 214°, d,
needles, m. 181-2°, D-ethyl-D-serine, a, b, 93-100°, b,
b, m. 125-30°, platelets, m. 54°, e, yellow needles, m. 150°,
d, prisms, m. 141°. The results of the muscarinic activity
of d carried out according to Kind, et al. (C.A. 26, 89), are

F. E. Brauns

(RM)
MM

STEFANAC, 2.

5
14E3d

check
2335. Micro-determination of active hydrogen in organic compounds by lithium aluminium hydride.
Z. Stefanac [The Univ., Zagreb, Yugoslavia], *Croat. Chem. Acta*, 1955, 28 (4), 295-297 (in English).—A procedure is outlined for determining active H by the Zerewitinoff method (*Ber. dtsch. chem. Ges.*, 1914, 47, 1659, 2417) with 0.18 M LiAlH₄ in n-butyl ether in place of Grignard reagents. The sample (dried over P₂O₅ *in vacuo*) is placed in the reaction vessel of a Solvay apparatus (*Mikrochem.*, 1938, 29, 107), which is then flushed with dry N₂. The remaining operations are as described previously by Hochstein *et al.* for similar procedures (*J. Amer. Chem. Soc.*, 1940, 71, 305; *Mikrochem.*, 1950, 38, 400).

W. J. BAKER

PM no aoy

STEFANAR Z.

Further characterization and isolation studies in the muscarine series. V. Balenović, N. Brzoznić, and Z. Čestnutin
(Univ. Zagreb, Yugoslavia). *Croat. Chem. Acta* 29, 45-8

(1957) (in English).—Dowex 50 X-8 resin, 200-400 mesh (250 g.) was placed in a column (1.7 X 62 cm.) and washed in turn with 8*N* HCl, H_2O , 2*N* NaOH, and 1.5*N* HCl, or with 4.5*N* HCl during 48 hrs. at a flow rate of 4 ml./hr. The mixt. of bases (20 mg.) prep'd. according to Balenović et al. (*C.A.* 50, 10544), was dissolved in 20 ml. H_2O , passed through the column, eluted with 2.5*N* HCl, and the fractions showing the muscarinic activity (160-2500 units/mg.) were evapd. and showed R_f values 0.21 and 0.18. Muscarine (I) chloride (34.3 mg.) prep'd. from ephedraurate (cf. Dudley, *C.A.* 24, 1083) dissolved in 4 ml. H_2O , acidified with AcOH, treated with 0.1*M* aq. $(Ph_3B)_2Na$ soln., kept 24 hrs. at 0°, treated off, washed with few drops of AcOH, and dried *in vacuo* at room temp. yielded 60 mg. I tetraphenylborate; m. 172-3° (from 1:1 Me_2CO-H_2O); infrared spectra showed the presence of OH group at 3424 cm^{-1} . Detn. according to Stodola (*C.A.* 32, 24604) gave the value corresponding to 1 OH group in I tetraphenylborate and choline tetraphenylborate. R. Eles

May

STEFANAC, Z.

Microdetermination of active hydrogen in organic compounds by lithium aluminum hydride. Stefanac (Univ. of Zagreb, Yugoslavia). Croat. Chem. Acta 48, 295-7 (1974) (in English).—The detn. of active H with a soln. of LiAlH₄ in Bu₂O in the app. by Soltya (C.A. 30, 5148^a) is described.
D. Fles

4E3d-1

Mr. [unclear]
MTT

Z
YUGOSLAVIA / Analytical Chemistry--Analysis of organic substances.

E-3

Abs Jour : Ref Zhur - Khimiya, № 14, 1959, No. 49297
Author : Filipovic, L; Stojanac, Z.
Inst : Not given
Title : The Determination of Methoxyl and Ethoxyl Groups in Organic Compounds
Orig Pub : Croat Chem Acta, 30, No 2, 149-156 (1958)

Abstract : In connection with the observation that in the Zeisel determination of CH_3O and $\text{C}_2\text{H}_5\text{O}$ content considerable errors are introduced by insufficient purification of the CH_3I and $\text{C}_2\text{H}_5\text{I}$, the authors propose the packing of the purification system (PS) with askarite (A) as a means of improving purification efficiency; askarite completely retains I_2 , HI , and H_2S . The sample containing CH_3I (I) or $\text{C}_2\text{H}_5\text{I}$ (II) is passed through a capillary tube into the

Card 1/3

YUGOSLAVIA / Analytical Chemistry**Analysis of organic substances. E-3

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49297

for 40 min (determination of CH_3O) and 60 min (determination of $\text{C}_2\text{H}_5\text{O}$). For the determination of C and H in CH_3O and $\text{C}_2\text{H}_5\text{O}$, the apparatus described is connected to an apparatus for the microdetermination of C and H. The authors present results from the determination of CH_3O in vanilline, quinine hydrochloride, guaiacol, brucine, guaiacol carbonate, codeine and papaverine hydrochlorides, chloroacetylmethoxyserine, 2-methoxy-N-nitrosoethyl urea, 3-diazo-4-methoxy-1-phthalimido-1-butanone, and from the determination of $\text{C}_2\text{H}_5\text{O}$ in phenacetin and in $\text{C}_{10}\text{H}_{13}\text{O}_2\text{N}$. --
T. Levi

Card 3/3

STEFANAC, Z.; BREGANT, N.; BALENOVIC, K.

Studies in the muscarine series. VI. Muscarinic activity of some
1,3-dioxolanes and 1,3-dithiolanes. Croat chem acta 32 no.1:49-55
'60. (EEAI 9:12)

1. Chemical Laboratory, Faculty of Science, University of Zagreb,
Zagreb, Croatia, Yugoslavia.
(Muscarine) (Dioxolane) (Dithiolane)

GASPERT, B.; STEFANAC, Zlata; MARUSIC, R.; BALENOVIC, Kresimir

Optically active trisulphides and tetrasulfides related to L cystine.
Croat chem acta 32 no.2:85-90 '60. (EEAI 10:4)

1. Chemical Laboratory, Faculty of Science, University of Zagreb,
Strossmayerov trg 14, Zagreb, Croatia, Yugoslavia. 2. Redakcioni
odbor (Committee of Publication), Croatica Chemica Acta, member of the
Committee (for Stefanac and Balenovic)
(Sulfides) (Cystine) (Optically active compounds)

STEFANACHE, M., ing.; DIMITRESCU, N., ing.

Technical and economical considerations on the transition
from overhand stop working to longwall face in the coal
basin of Filipestii de Padure. Rev min 15 no. 5/6:261-266
My-Je '64.

STEFANCHUK, V., inzh.; PUSHCHINA, A., inzh.

Turning device for platforms of T-41 hoists. Stroitel' no. 7:14
J1 '59. (MIRA 12:10)
(Hoisting machinery)

STEFANCIC, P.; HABE, F.; HRIBAR, F.

Habe's Chasm. p. 25; Slovenska akademija znanosti in umetnosti. Institut za raziskovanje krasa. POROCILA. ACTA CARSOLOGICA. Ljubljana; Vol. 1, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 5, No. 12, December 1956.

STEFANCIK, L.

Evaluation of the so-called nest planting of trees. p.125

Polana. Povernictvo lesov a drevarskeho priemyslu. LES
Vol. 15, no.4, Apr. 1959. Polena, Czechoslovakia

Monthly list of East European Accession (EEAI) L Vol. 9, no. 2
Feb. 1960. Uncl.

STEFANCIK, Ladislav

Present state of immature beech forests in Slovakia and
possibility of increasing their yield by thinning. Les
cas 8 no.2:137-146 '62.

1. Vyskumny ustav lesneho hospodarstva, Banska
Stiavnica.

STEFANCOVA-BOLFOVA, E.

Classification of α and β amylases in the malting process by means of paper chromatography.

P. 25. KVASNY PRUMYSL (Praha, Czechoslovakia) Vol. 4, No. 2, Feb. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

STEFANCSIK, Szilard, dr.

Data on pathologic relationship between the adnexa and the intestines. Magy.noorv.lap. 18 no.2:80-85 Mar 55.

1. A Balassagyarmati Jarasi Tanacs Korhaza (mb. igazgato foorvos: Bartha Elemer dr.) Szuleszeti-Nogyogyaszati osztalyanak (foorvos: Stefancsik Szilard dr. az. o tud. kandidatusa) kozlemenye.

(ADNEXA UTERI, neoplasms,
with Meckel's diverticulum)

(MECKEL'S DIVERTICULUM, complications,
adnexal tumor)

STEFANOWSKA, Maria, mgr inż.

Methods of adjusting water for swimming pool tests. Gaz woda
techn sanit 37 no.10:323-325 O '63.

1. Stolica Design Office of Communal Constructions, Warsaw.

STEFANCZYK, Zygmunt, mgr inz.

Pressure of water intake in active drains constructed under a
river bed. Gosp wodna 24 no. 6:201-206 Je '64.

1. Department of Water Supply and Sewerage, Technical
University, Warsaw.

KOSTOLANSKY, E.; promovany matematik; STEFANEC, V., inz.

Optimum spotting of extra-high-voltage line poles on
digital computers. Energetika Cz 14 no. 4: 184-187
Ap '64.

1. Slovak Academy of Sciences Bratislava (for Kostolansky).
2. Elektrovod National Enterprise, Bratislava (for Stefanec).

L 34661-66 EWP(1) IJP(c) GG/BB

ACC NR: AP6025846

SOURCE CODE: CZ/0024/65/000/008/0208/0209

AUTHOR: Palka, Milan (Engineer); Stefanec, Viktor--Shtefanets, V. (Engineer) 53

ORG: Electrovod, Bratislava B

TITLE: Longitudinal profiles as measured tachymetrically and their calculation
with the ZRA-1 computer 16c

SOURCE: Geodeticky i kartograficky obzor, no. 8, 1965, 208-209

TOPIC TAGS: computer calculation, computer, computer programming, geodesy/ZRA-1
computer

ABSTRACT: The article describes a method of programming the calculation of
tachymetrically determined longitudinal profiles with the ZRA-1 (Zeiss Rechenautomat).
The method also is applicable to other geodetic work. This article was presented
by Frantisek Charamza, VUGPK, Prague. Orig. art. has: 3 figures. [JPRS: 32,859]

SUB CODE: 09, 08 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 002

Card 1/1 9/73

UDC: 528.022.3.063.9:625.73

Plowshares, L. L.

Plows

Placement of colters. Sov. agron. 10 No. 9, 1952.

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November 1952. UNCLASSIFIED.

STSEFANENKA, A.Ya.; MAKHNACH, A.S.

Lower Paleozoic deposits of White Russia. Vestsi AN BSSR no.1:
67-77 Ja-F '52. (MLRA 7:8)
(White Russia--Geology, Stratigraphic) (Geology, Stratigraphic--White Russia)

~~STSIEFANENKA, A.Ya.~~, laureat Stalinskay premii; MAKHNACH, A.S., kan-
dydat geologo-mineralogichnykh nauk.

Devonian deposits in White Russia. Vestsi AN BSSR no.4:123-137 J1-
(MLRA 7:8)
Ag '52.
(White Russia--Geology, Stratigraphic) (Geology, Stratigraphic--
White Russia)

STEFANENKO, A.Ya.; MAKHNACH, A.S.

Paleozoic deposits in the northwestern part of the Dnieper-
Donets lowland. Izv. AN BSSR. no. 4:129-143 Jl-Ag '53.
(Dnieper Valley--Geology, Stratigraphic) (MLRA 9:1)
(Donets Basin--Geology, Stratigraphic)

STEFANENKO,A.Ya.; MAKHNACH,A.S.

Stratigraphy of Devonian deposits and the age of the saliferous
strata of the Pripyat Depression. Izv. AN BSSR no.2:87-100
Mr-Ap '55. (MLRA 8:9)
(Polesye--Geology, Stratigraphic)

MAKHNACH, A.S.; PISTRAK, R.M.; STEFANENKO, A.Ya.; TIKHOMIROV, S.V.

Stratigraphy of Devonian subsalt deposits of the Pripyat depression plain.
Izv.AN SSSR. Ser.geol. 20 no.3:122-124 My-Je '55. (MIRA 8:9)
(Pripyat marshes—Geology, Stratigraphic)

STSEFANENKA, A. Ya.

15-1957-7-9172

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 53 (USSR)

AUTHOR: Stsefanenka, A. Ya.

TITLE: Sketch of the Tectonics and Development of the Pri-
pyat' Basin (Ocherk tektoniki i istorii razvitiya
Pripyatskogo progiba)

PERIODICAL: Izv. AN BSSR, ser. fiz.-tekhn. n., 1956, Nr 2, pp 37-
51

ABSTRACT: Data is given on the stratigraphy, structures, geolo-
gical development, and mineral resources of the Pri-
pyat' Basin. Rocks of the Upper Devonian, Lower and
Middle Carboniferous, Permian, and Mesozoic of the
Pripyat' and Dnepr-Donets basins are shown to be simi-
lar. In addition to a geologic map of the Paleozoic
outcrops of the BSSR and adjoining regions, a geologi-
cal profile along a line through Porkhov-Orsha-Ovruch
is given. A bibliography with 50 references is ap-
pended. Yu. A. Kosygin

Card 1/1

Stefanenko, A. Ya.
MAKHNACH, A.S.; STEPANENKO, A.Ya.; TSAPENKO, M.M.; KOZLOV, M.F.; BOGOMOLOV,
G.V., redaktor; BARABANOVA, L., redaktor izdatel'stva; ALEKSANDRO-
VICH, Kh., tekhnicheskiy redaktor

[Brief outline of the geology of White Russia] Kratkii ocherk geologii
Belorussii. Minsk, Izd-vo Akad.nauk Belorusskoi SSR, 1957. 214 p.
(MLRA 10:9)

1. Institut geologicheskikh nauk Akademii nauk Belorusskoy SSR (for
Makhnach, Stefanenko, Tsapenko, Kozlov). 2. Chlen-korrespondent
Akademii nauk Belorusskoy SSR (for Bogomolov)
(White Russia--Geology)

S.Te.Fanenko,

A.Ya.

365) **PLATE I BOOK EXPLORATION Sov/2077**

Akademiya nauk Belorussskoy SSR, Minsk. Institut geologicheskikh nauk
Trudy Vyp. 1 (Transactions of the Institute of Geological Sciences of the
Belorussian SSR Academy of Sciences) Nr 1. Minsk, 1956. 227 p. 700 copies
printed. Errata slip inserted.

Editorial Board: A.M. Arkantsev, A.Y. Purenko, and V.N. Shcherbinin;
Ed. of Publishing House: Ye. G. Barabasova; Tech. Ed.: I. Volkhaovich.

PURPOSE: This issue of the Institute's transactions is intended for geologists
interested in both the physical and historical geology of Belarusia.

Coverage: This collection of articles on the geology of Belarusia has been prepared by members of that republic's geological institute. Individual papers discuss the prospects of future development of Belarusia's geological and
geophysical studies, problems in the petrography of sedimentary rocks, and
questions in paleontology and hydrogeology. Among the papers on historical
geology are a study of the development of Permianfauna and one on spore-pollen
analysis of Lower Carboniferous horizons. References accompany each article.

Sov/2077
Transactions of the Institute (Cont.)

- | | |
|---|-----|
| Nechkin, S.I. The Importance of Spore - Pollen Group Studies in
the Stratigraphic Identification of Tertiary Deposits in Belarusia | 61 |
| Motur, V.M. Main Features of the Lenses Beds of the Novogrudko-
Korelicheskiy Massif of Grodno-Kayev Oblast', Belarusia | 68 |
| Kopashnikov, G.A. Certain Characteristics of Sediment Accumulation
by the Lateral Migration of the Pripyat River Within the Region of
Baranovskaya Synonymy | 78 |
| Strelcovskiy, A. Ia. [Lavrent'ev] The Tectonic Structure and the Oil-
bearing Possibilities of the Prylat'skaya Lowland | 81 |
| Roldiv, M.P. The Geologic Structures of the Pripyat'skaya Pole's'e | 90 |
| Bordarenko, B.V. Tectonic Regularities in the Manifestation of
Paleozoic Volcanism in Southern Belarusia According to Magnetic Surveys | 102 |

Card 3/5

STEFANENKO, A.Ya.

Zonality and some problems in the formation of underground waters
in White Russia. Trudy Lab.gidrogeol.probl. 16:228-233 '58.
(MIRA 12:2)

1. Geologicheskiy institut AN BSSR.
(White Russia--Water, Undergrcund)

STEFANENKO, M.N., inzh.

Results of the transfer of industrial approach tracks to the
Moscow Railroad. Zhel.dor.transp. 44 no.6:28-33 Je '62.
(MIRA 15:8)

1.Nachal'nik otdela pod"yezdnykh putey Moskovskoy dorogi.
(Railroads--Joint use of facilities) (Railroads, Industrial)

KONOVALOV, V.S., kand. tekhn.nauk; STEFANENKO, S.A., inzh.;
KUZNETSOVA, M.I., red.; KOVAL'SKAYA, I.F., tekhn. red.

[Mechanization and automation of intrafactory transporta-
tion in machinery plants] Mekhanizatsiya i avtomatizatsiya
vnutrizavodskogo transporta mashinostroitel'nykh zavodov.
Moskva, TSINTIMASH, 1961. 68 p.
(MIRA 16:4)
(Conveying machinery) (Industrial power trucks)
(Automation) (Cranes, derricks, etc.)

STEFANENKO, S.A., inzh.

Single-rail suspended railroads. Mekh.i avtom.proizv. 16
no.3:33-35 Mr '62. (MIRA 15:4)
(Railroads, Suspended)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

STEPARENKO, S.A., inzh.

Spheres of efficient use of various conveying and loading
unloading machinery. Vest.mashinostr. 44 no.3:78-81 Mr
'64. (MIRA 17:4)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

STEFANENKO, T.T.

Spectral determination of carbon in case-hardened steels. Zav.lab.
29 no.11:1321-1322 '63. (MIRA 16:12)

STEFANENKOV, D.A.

VASIL'YEVA, M.T.; CHERFAS, T.O., inzhener laboratorii; KOCHETKOV, I.S.,
inzhener; STEFANENKOV, D.A., inzhener.

Reports. Use of KMTs preparation in sizing. Tekst.prom. 14 no.10:
56 O '54. (MLRA 7:10)

1. Leningradskaya fabrika imeni A.Anisimova (for Cherfas). 2. Na-
chal'nik tsekha Leningradskoy fabriki imeni A.Anisimova (for Va-
sil'yeva) 3. TSentral'naya nauchno-issledovatel'skaya laborato-
riya Glavmoskhlopproma (for Kochetkov). 4. Yakhromskaya fabrika
(for Stefanenkov).
(Sizing (Textile))

STEFANENKOV, D. A.

✓ Size from flour dust. D. A. Stefanenkov. *Tekstil.*
Prom. 15, No. 7, 39-40(1955).—Flour dust recovered as a
waste in flour mills can be substituted for potato starch and
(or) rye flour currently used in the prepn. of size. Eighty
kg. flour dust contg. 14% H₂O, 0.64% ash, and acid equiv.
to 30.65 ml. 0.1*N* NaOH, is added through a sieve to 400 l.
cold H₂O; after stirring for 10-15 min. 100 l. H₂O is added,
the mass heated to 40°, 4 kg. NaOH (d. 1.33) diid. with 5-6
l. H₂O and, after 30 min. at 40°, 400 l. H₂O are added,
the mass is boiled for 15 min., and 4 kg. cottonseed oil is
added.

Elisabeth Barabash

MANOLIU, N.; STEFANESCO, V.; BUSTEA, Ch.; BRAILOIU, A.

Experimental investigations of antistaphylococcal immunity. Arch.
roum. path. exp. microbiol. 21 no.1:109-114 Mr '62.

1. Travail de l'Hopital No.12 -- Bucarest et de l'Institut
"Dr. I. Cantacuzino".
(STAPHYLOCOCCAL INFECTIONS) (TOXINS AND ANTITOXINS)
(VACCINES)

STEFANESCU, V.; MANOLIU, N.; MIHAILESCU, Rodica; BUSTEA, Ch.

On changes induced in a culture of pathogenic staphylococci.
Arch. roum. path. exp. microbiol. 23 no.3:579-584 S'63

1. Travail de l'Institut "Dr. I.Cantacuzino", Bucarest, et de l'Hopital
No.12 de Bucarest.

RUMANIA/Cultivated Plants - Medicinal. Essential Oil-Bearing.
Toxins.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82566
Author : Coicici, Evd., Stefanescu, A., Racz. G., Csedo, S.
Inst : Communist Academy RPR
Title : On the Problem of Efficient Utilization of Belladonna
(*Atropa belladonna L.*) Cultivation.
Orig Pub : Commu. Acad. RPR, 1957, 7, No 2, 227-231

Abstract : Studies conducted during two years determined that all organs of *A. belladonna* with the exception of the stems contain in the phase of fruit formation 0.23-92% of general alkaloids which permits utilization of the entire plant for industrial purposes. Gathering the leaves and other parts of the young plant and later the roots, permits an increase in the amount of raw material by 2-3

Card 1/2

Card 2/2

SAVULESCU, Alice; BECERESCU, D.; PUSCASU, A.; BOJOR, O.; PLATON, Florentina;
COICIU, Evdochia; STEFANESCU, A.; MOGA, Rodica; DRAGOMIRESCU-MANUCHIAN,
Maria

Research on the producing of spurred rye in Rumania. Studii cerc
biol veget 13 no.2:149-173 '61. (EEAI 10:11/12)

1. Membru corespondent al Academiei R.P.R.(for Savulescu) 2. Institutul
de cercetari agronomice(for Coiciu, Becerescu, Stefanescu, Puscasu,
Moga) 3.Institutul pentru controlul de stat al medicamentului si de
cercetari farmaceutice(for Bojor, Dragomirescu-Manuchian, Platon).

(Argot)

STEFANESCU, A.

COUNTRY : ROMANIA

CATEGORY :

ABS. JOUR. : RZhKhim., No. 20 1959, No. 71936

AUTHOR : Stefanescu, A.; Cristea, L.; Mina, C.

INFO. :

TITLE : Preparation and Purification of Titanium Tetrachloride

ORIG. PUB. : Rev. chim., 1958, 9, No 7-8, 387-390.
Discut., 390-391

ABSTRACT : Laboratory and pilot-plant experiments were conducted on chlorination of mixtures of titanium dioxide (containing 20.2-32.6% TiO₂) and coal, to get TiCl₄. The mixture consisting of ilmenite, carbon black (25% of weight of ilmenite), and asphalt, was made-up, at 45°, into briquettes 20 mm in diameter, the briquettes were dried at 80-100° and heated in a quartz tube at 550-660° (to remove organic compounds). Then the mass was chlorinated, in the same tube, at 850-1000°; TiCl₄-vapor was condensed and collected in a receiver; yield of TiCl₄ about 93-95%, on the basis of TiO₂. There is also described a laboratory procedure of further purification of the TiCl₄ obtained.

CARD: 1,2

Stefanescu, A.

STEFANESCU, A.

STEFANESCU, C. New foundry technique; on the eve of the 2d Congress of the Scientific Association of Engineers and Technicians. p. 83.

Vol. 8, no. 10, Oct. 1956
METALURGIA SI CONSTRUCTIA DE MASINI.
TECHNOLOGY
RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

STEFANESCU, Alexander, inz.

A new semi-automatic butt welding machine. Zvaranie 11 no. 6:164-169
Je 62.

1. Vyzkumny ustav svarovacich stroju a technologie svarovani, Praha.

STEFANESCU, Alexander, inz.

Resistance welding machines for copper and aluminum wires in
cable factories. Zvaranie 11 no.12:321-326 D '62.

1. Vyzkumny ustav svarovacich stroju a technologie svarovani,
Praha.

STEFANESCU, Aurelia

Silicium carbide used in the field of household goods; physico-chemical properties. Industria usoara 9 no.5:195-197 My '62.

STEFANESCU, A.

"Meteorological phenomena which hinder or make impossible the flight of airplanes". p. 26. (AVIATIA SPORTIVA, Vol. 5, No. 2, Feb. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

STEFANESCU, A.

Aeronautical Navigation." P. 7. (AVIATIA SPORTIVA, Vol. 5, No. 5, May 1954,
Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1,
Jan. 1955, Uncl.

STEFANESCU, A.

"Communist Press Day; A Meeting of Editors and Readers in the August 23 Factory."
P. 9. (AVIATIA SPORTIVA, Vol. 5, No. 5, May 1954, Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1,
Jan. 1955, Uncl.

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CIA-RDP86-00513R001653020017-6

12. *Index to European Acquisitions, (IDEA), Vol. 1, No. 1, Jan. 1973, Doc. 1, Annex.*

SG: *Memo: List of East European Acquisitions, (IDEA), LC, Vol. 4, No. 1, Jan. 1973, incl.*

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

STEFANESCU, A.

"Radioelectric navigation." P. 3. (AVIATIA SPORTIVA, Vol. 5, No. 7, July 1954,
Bucuresti, Romania.)

SO: Monthly List of East European Accessions, (FEAL), LC, Vol. 4, No. 1,
Jan. 1955, Unclassified.

STEFANESCU, A.

"A parachute with a square canopy." P. 6. (AVIATIA SPORTIVA, Vol. 5, No. 7,
July 1954, Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1,
Jan. 1955, Uncl.

STEFANESCU. A.

"Aeronautical navigation and astronomy." p. 2⁴.
(AVIATIA SPORTIVA, Vol. 5, no. 9, Sept. 1954) Bucuresti, Romania.

SO: Monthly list of East European Acquisitions. (EEAL). LC, Vol. 4, No. 1
Jan. 1955. Uncl.

of the Soviet Union.

Composition of the atmosphere and the flight of aircraft. p. 30.
Soviet Periodical, Meteorostat, Vol. 1, no. 4, Apr. 1955.

SD: Monthly List of East European Acquisitions, (LAWA), no. Vol. 4, no. 11, Oct. 1955,
Vol.

STEFANESCU, A.

STEFANESCU, A. The conquerors. p. 6.

Vol. 1, no. 11, Nov. 1955

ARIPILE PATRIEI

TECHNOLOGY

Bucuresti, Romania

So: Eastern European Accession Vol. 5 No. 4 April 1956

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

STEFANESCU, A.

The Composition of the Atmosphere and the Flight of Aircraft. Aripile
Patriei (The Wings of the Fatherland), #4:30:Apr 55

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

STEFANESCU, A.

STEFANESCU, A. Effect of clouds and electricity on flight. p. 7

Vol. 4, no. 9, Sept. 1955, Uncl.

ARIPILE PATRIEL

TECHNOLOGY

Bucuresti

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), LC, VOL. 4, no. 9,
Sept. 1955, Uncl.

AMERICAN, INC.

International Affairs, Vol. 4,
ANNALS OF DIPLOMACY, Vol. 1, no. 3, Mar. 1955.

See: Monthly List of East European Acquisitions, (EAA), I.M., Vol. 4, no. 10, Oct. 1955,
Encel.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

STEFANESCU, A.

The Influence of Clouds and Electricity on Flight. Aripile Patriei
(The Wings of the Fatherland), #5:7:May 55

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6

STEFANESCU, A.

The education of Young Flyers. Arinile Patriei (The Wings of the Fatherland),
#5:9:May 55

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020017-6"

STEFANESCU, A.

Polar studies and the Antarctic problem. p. 24. ARIPILE PATRIEI.
(Asociatia Voluntara pentru Sprijinirea Apararii Patriei) Bucuresti.
Vol. 2, no. 3, Mar. 1956.

So. East European Accessions List

Vol. 5, No. 9

September, 1956

STEFANESCU, A.

Information on flight without visibility. p. 25.

ARIPILE PATRIEI

Vol. 2, no. 5, May 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

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